

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 16, 2003, 22:05:25 : Search time 48.2425 Seconds
(without alignments)
13999.354 Million cell updates/sec

Title: US-09-497-967-1

Perfect score: 1326

Sequence: 1 atgaataataattttatt.....ttattttttttattttattg 1326

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA.*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
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- 8: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
- 9: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	72.2	5.4	1635	10	US-09-864-761-20241
C 2	72.2	5.4	1973	10	US-09-864-761-3471
C 3	59.6	4.5	439	10	US-09-864-761-20174
C 4	58	4.4	1075	10	US-09-864-761-19241
C 5	58	4.4	1403	10	US-09-864-761-2513
C 6	50.6	3.8	574	10	US-09-864-761-228
C 7	50.6	3.8	669	10	US-09-864-761-17051
C 8	48	3.6	2014	10	US-09-842-552-22
C 9	48	3.6	2015	10	US-09-842-552-79
C 10	47.8	3.6	510	10	US-09-864-761-18737
C 11	47	3.5	1310	9	US-09-849-243-13
C 12	47	3.5	3263	9	US-09-849-243-15
C 13	47	3.5	4286	9	US-09-849-243-14
C 14	46	3.5	1959	10	US-09-864-761-4012
C 15	45.4	3.4	293	10	US-09-864-761-18923
C 16	45.4	3.4	439	10	US-09-864-761-2182
C 17	45	3.4	830	10	US-09-864-761-19531
C 18	43.6	3.3	531	10	US-09-864-761-14467
C 19	43.2	3.3	486	10	US-09-864-761-10113

20	43	3.2	660	10	US-09-864-761-19488	Sequence 19488, A
21	43	3.2	962	10	US-09-864-761-2772	Sequence 2772, Ap
C 22	42.4	3.2	2614	9	US-09-822-846-491	Sequence 491, App
C 23	42.4	3.2	6604	10	US-09-880-107-1748	Sequence 1748, Ap
C 24	42.2	3.2	270	9	US-10-007-557-8	Sequence 8, Appli
C 25	41.8	3.2	512	10	US-09-864-761-25347	Sequence 25347, A
26	41.8	3.2	575	10	US-09-864-761-8628	Sequence 8628, Ap
C 27	41.8	3.2	1134	10	US-09-737-178-111	Sequence 111, App
C 28	41.8	3.2	1137	10	US-09-737-178-104	Sequence 104, App
29	41.8	3.2	155074	9	US-10-026-188-6	Sequence 6, Appli
30	41.2	3.1	456	10	US-09-864-761-4249	Sequence 4249, Ap
31	41	3.1	325	10	US-09-864-761-25339	Sequence 25339, A
32	41	3.1	470	10	US-09-864-761-3121	Sequence 3121, Ap
33	41	3.1	556	10	US-09-864-761-8619	Sequence 8619, Ap
C 34	40.8	3.1	818	10	US-09-864-864-28	Sequence 28, Appl
C 35	40.8	3.1	832	10	US-09-864-864-27	Sequence 27, Appl
C 36	40.8	3.1	1005	10	US-09-287-599-1	Sequence 1, Appli
37	40.6	3.1	522	10	US-09-864-761-19900	Sequence 19900, A
38	40.6	3.1	554	10	US-09-864-761-7357	Sequence 7357, Ap
C 39	40.6	3.1	1029	10	US-09-815-242-4457	Sequence 4457, Ap
C 40	40.6	3.1	1032	10	US-09-815-242-8054	Sequence 8054, Ap
C 41	40.6	3.1	3899	10	US-09-735-367B-5	Sequence 5, Appli
C 42	40.6	3.1	5361	9	US-09-742-096-2	Sequence 2, Appli
C 43	40.6	3.1	6152	9	US-09-742-096-1	Sequence 1, Appli
C 44	40.6	3.1	6504	10	US-09-969-347-171	Sequence 171, App
C 45	40.6	3.1	6504	10	US-09-735-367B-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1

US-09-864-761-20241/c
; Sequence 20241, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; FILE REFERENCE: Aemica-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30

Thu Feb 20 11:09:49 2003

Db 348 GGTGGGATAAATGATGGTGATGCTCCCGATGGTGATGGTGGTGATGATGGTGATGCT 289
QY 469 GTGCGAGGTGTTGCTGCGGTAACTAGTTAAATGCTGTACCTTGCCAACTAAACAAACGAT 528
Db 288 GCTGATGGTGTGATGGCGATGCTCTGATGGTGATGGTGATGGTGATGGTGAT 229
QY 529 TCTCTGCCACTGACAGGTCCTAACTAAATTTAGCCACATATGTAGCAATTAATGTCCT 588
Db 228 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 169
QY 589 ACTGGCAGCTACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 648
Db 168 GCTG---CTGACGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 112
QY 649 GTTAAATGACAGCTAACTTTTACTATATATGATGATGATGATGATGATGATGATGATGAT 708
Db 111 AATAATGGTAATGATGGTGATGGTGATGGTGATGGTGATGGTGATGGTGATGGTGAT 52
QY 709 GTTTAAGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 758
Db 51 GATAATGATGGTGATGCTACTGCTGTTGCCACTGATGATGGTGATGATGCT 2

RESULT 4

US-09-864-761-19241
; Sequence 19241, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Rank, David R.
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-x-1
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29

; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 19241
; LENGTH: 1075
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL078472.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 27
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 19
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 34
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 28
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 43
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 20
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 25
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 18
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 21
; OTHER INFORMATION: EST_HUMAN HIT: AV739739.1, EVALUE 1.00e+00
; OTHER INFORMATION: NT HIT: AL163201.2, EVALUE 2.00e-19
US-09-864-761-19241

Query Match 4.4%; Score 58; DB 10; Length 1075;
Best Local Similarity 42.6%; Pred. No. 0.00011;
Matches 304; Conservative 0; Mismatches 410; Indels 0; Gaps 0;
QY 56 GAGCTGCTCCATGTCCTGATGGTACTTAGACTCAAGCTGGATTTGACTGATGATGATGCTGCT 115
Db 287 GTGATGGTACTGGTATGCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 346
QY 116 CTGATCTTGGTACTTGTGTAATTCAGACCTAAATTTTACTATAATGATGATGATGCTGCT 175
Db 347 GTGATGGTGGTATGATGCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 406
QY 176 AAGGAGAGCTAATGCTAATTAACCTTTCCAGCAAAATAATGCTGCTAGAGGTATATGCTG 235
Db 407 CTGATGGTGGTATGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 466
QY 236 TACCATGCCAAATAACAGAGTAGGCTGTTTACCAGTGGTGGTGGTGGTGGTGGTGGTGGTGG 295
Db 467 GTAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 526
QY 296 CCACATAATCCAGTACTTAATGCTTACTGGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 355
Db 527 GTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 586
QY 356 TTTTGTATAGATCAGCGCATATAATGTTTAAATGCAAACTAACTTTTACTATAATATGCTG 415
Db 587 GTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 646
QY 416 GTTCTCCTTAAGGTGAAGCTCCCTGGCGTTTAAAGTTTGGTGGTGGTGGTGGTGGTGGTGG 475
Db 647 GTAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 706
QY 476 GTGTTGCTGCGTTTACTAGTTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 535
Db 707 GTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 766
QY 536 CCACTGCAAGGTGCTTAAGCTAATTTAGCCACATAATGACCAATTAATGCTCCTACTGCGCA 595
Db 767 GTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 826
QY 596 CTGTACTTGGATGGAGTGACACTTCTTTTAAATACATCAGCCACATTTATGTTTAAAT 655
Db 827 GTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 886
QY 656 GCAGACCTAACTTTTACTATAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 715
Db 887 GTTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 946
QY 716 TTTTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 769
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OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 8.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 8.4
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 5.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.2
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 7.8
OTHER INFORMATION: EST_HUMAN_HIT: BE011604.1, EVALUE 1.10e-01
OTHER INFORMATION: NT_HIT: g19628932, EVALUE 1.10e-01
US-09-864-761-17051

Query Match 3.8%; Score 50.6; DB 10; Length 669;
Best Local Similarity 44.2%; Pred. No. 0.0055;
Matches 209; Conservative 0; Mismatches 264; Indels 0; Gaps 0;

QY 86 CTCAGCTGATGACTGATGAGTGCTGCTGATCTTGGTACTTGTGTAATTCAGAC 145
DB 482 CTCATGATGGTCTGCTGGTGATGGTGGTGATGGTGTTCATAATGATGGTGATA 423
QY 146 CTAATTTTACTATAATGGTGGTGGCTTAAGGAGAACTAATGGTAATTAACCTTCG 205
DB 422 GTGATCATTGTGATGAGTGGCGGTGATGCTGGTGATGGGGTGCTCATGGTGATG 363
QY 206 CAGCAATAATGCTGCTAGAGGTATATGTATACCATGCCAATAACAGAGTAGGCTCTG 265
DB 362 GTGGTGTCTATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 303
QY 266 TTACCAATCAGGTGACTTAGCTACTTTAGCCACATATGCAATGACTTAATGCTACTG 325
DB 302 ATGAGGATGGTGTGCATAGTATGGTGATGATGGTGGTGGTGGTGGTGGTGGTGGTGG 243
QY 326 GCACGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 385
DB 242 GTGCTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 183
QY 386 AATGCAAACTAACTTTTACTATAATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 445
DB 182 ATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 123
QY 446 AAGTTTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 505
DB 122 ATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 63
QY 506 CTTGCCAACTAAACAAAACGATTTCTCTGCCACTGACAGTGCCCTAAAGCTAAT 558
DB 62 GTGATCATTGTGATGGTAGTGGCGGTGGTGGCGCATGGTGGTGGTGGTGGTGGTGGTGG 10

RESULT 8
US-09-842-552-22/c
Sequence 22, Application US/09842552
Patent No. US20020055628A1
GENERAL INFORMATION:

APPLICANT: The Regents of The University of California
TITLE OF INVENTION: MULTILOCUS REPETITIVE DNA SEQUENCES FOR GENOTYPING BACILLUS ANTHRACIS
FILE REFERENCE: S-89,687
CURRENT APPLICATION NUMBER: US/09/842,552
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 60/199,911
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 106
SOFTWARE: PatentIn version 3.0
SEQ ID NO 22
LENGTH: 2014
TYPE: DNA
ORGANISM: Bacillus anthracis
US-09-842-552-22

Query Match 3.6%; Score 48; DB 10; Length 2014;
Best Local Similarity 43.0%; Pred. No. 0.036;
Matches 234; Conservative 0; Mismatches 310; Indels 0; Gaps 0;

QY 682 GGTTCCTCTTAAGGTGAAGCTCCTGCGTTTAAAGTTTTCGCTGCTGCTGCTGCTGCTGCA 741
DB 863 GGTTCACACTTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 804
QY 742 GGTGTTGCTGCCGTTACTAGTTAATGTGACCTTGGCAATAAACAACAAACGATTTCTCT 801
DB 803 GTTTCGCAATTAATCTCCACTTCTCTAAATCTCTAAATTTCTGTTTCTGCAATTAAT 744
QY 802 GCACATGTCAGGTGCTGAAGCTAATTTAGCCACATATGACGACTTAATGTCCTCAACTGGC 861
DB 743 TCCACTTCTTCTAACTCTTCTGTTTCTGCAACTACTTCCACTTCTCTAAATTTCTTCTGTT 684
QY 862 ACTGCAATTCAGACGAGGTGACACTTGTGTTTAAATTCATCCACATAAATGTTCTTAA 921
DB 683 TCTGCACTTCTTCCACTTCTTCTAACTCTTCTGTTTCTGCAATTAATGTTCTTCTTCT 624
QY 922 TGCATTTGCTAAATTAATTTTAAATGGAATTTTCGAAGCAGGTAAGTAAATGTTTAAAG 981
DB 623 GACTCTCTGTTTCTGCAATTAATCTTCTACTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 564
QY 982 TGTCCAGTAAGTAAATACTACTCCAGCACATGCTCCAGGTAAATGCTTACTGCTTACTGCT 1041
DB 563 TCTACTTCTTCTGACTTCTTCTGTTTCTGCAATTAATGCTTCTTCTGCTGCTTCTGCTGCT 504
QY 1042 TAATGTTTGACACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1101
DB 503 TCTGCAATTAATTAATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 444
QY 1102 GTAGCTTCCGCAACTGAATGACTAAATGTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1161
DB 443 GACTCTCTGTTTCTGCAATTAATCTTCCACTTCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 384
QY 1162 GGTTTTACAGCAGGACTGATGATGCTGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1221
DB 383 TCAAGTTTCTTCTGCTTGTGACATCACTGATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 324
QY 1222 ACAG 1225
DB 323 ATAG 320

RESULT 9

US-09-842-552-79/c
Sequence 79, Application US/09842552
Patent No. US20020055628A1
GENERAL INFORMATION:

APPLICANT: The Regents of The University of California
TITLE OF INVENTION: MULTILOCUS REPETITIVE DNA SEQUENCES FOR GENOTYPING BACILLUS ANTHRACIS
FILE REFERENCE: S-89,687
CURRENT APPLICATION NUMBER: US/09/842,552
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 60/199,911
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 106
SOFTWARE: PatentIn version 3.0
SEQ ID NO 79
LENGTH: 2015
TYPE: DNA
ORGANISM: Bacillus anthracis
US-09-842-552-79

Query Match 3.6%; Score 48; DB 10; Length 2015;
Best Local Similarity 43.0%; Pred. No. 0.036;
Matches 234; Conservative 0; Mismatches 310; Indels 0; Gaps 0;

QY 682 GGTTCCTCTTAAGGTGAAGCTCCTGCGTTTAAAGTTTTCGCTGCTGCTGCTGCTGCTGCA 741
DB 863 GGTTCACACTTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 804
QY 742 GGTGTTGCTGCCGTTACTAGTTAATGTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 801


```
COMPLEXES FROM TRANSGENIC
NON-HUMAN ANIMALS

NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESSES:
ADDRESS: HELLER, EHRMAN, WHITE & MCAULIFFE
STREET: 1666 K Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20006

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,243
FILING DATE: 07-May-2001
ATTORNEY/AGENT INFORMATION:
NAME: Granados, Patricia D.
REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 38005-0148
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)912-2000
TELEFAX: (202)912-2020
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 1310 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: exon
LOCATION: 1..1310
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-849-243-13

Query Match 3.5%; Score 47; DB 9; Length 1310;
Best Local Similarity 62.2%; Pred. No. 0.052;
Matches 74; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 678 TGGTGGTTCCCTTAGGTGAAGCTCCTGCGCTTTAAGTTTGTGCTGCTGCGCGC 737
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 355 TGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 296
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 738 TGCAGGTGTTGCTGCGCTTACTAGTTAATGTACCTTGCCAAATAAACAACGATT 796
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Db 295 TGCTGCTGTTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 237
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RESULT 12
US-09-849-243-15/c
; Sequence 15, Application US/09849243
; Patent No. US20020157127A1
; GENERAL INFORMATION:
; APPLICANT: Kirschbaum, Bernd
; Berglund, Erick
; Meisterernst, Michael
; Polites, Greg
; TITLE OF INVENTION: PURIFICATION OF HIGHER ORDER TRANSCRIPTION
; COMPLEXES FROM TRANSGENIC
; NON-HUMAN ANIMALS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER, EHRMAN, WHITE & MCAULIFFE
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,243
FILING DATE: 07-May-2001
ATTORNEY/AGENT INFORMATION:
NAME: Granados, Patricia D.
REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 38005-0148
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)912-2000
TELEFAX: (202)912-2020
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 3263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: exon
LOCATION: 1..3263
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-849-243-15

Query Match 3.5%; Score 47; DB 9; Length 3263;
Best Local Similarity 62.2%; Pred. No. 0.076;
Matches 74; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 678 TGGTGGTTCCCTTAGGTGAAGCTCCTGCGCTTTAAGTTTGTGCTGCTGCGCGC 737
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Db 1449 TGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1390
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QY 738 TGCAGGTGTTGCTGCGCTTACTAGTTAATGTACCTTGCCAAATAAACAACGATT 796
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Db 1389 TGCTGCTGTTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1331
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RESULT 13
US-09-849-243-14/c
; Sequence 14, Application US/09849243
; Patent No. US20020157127A1
; GENERAL INFORMATION:
; APPLICANT: Kirschbaum, Bernd
; Berglund, Erick
; Meisterernst, Michael
; Polites, Greg
; TITLE OF INVENTION: PURIFICATION OF HIGHER ORDER TRANSCRIPTION
; COMPLEXES FROM TRANSGENIC
; NON-HUMAN ANIMALS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER, EHRMAN, WHITE & MCAULIFFE
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/849,243
; FILING DATE: 07-May-2001
; ATTORNEY/AGENT INFORMATION:
; NAME: Granados, Patricia D.
; REGISTRATION NUMBER: 33,683
; REFERENCE/DOCKET NUMBER: 38005-0148
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)912-2000
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 18923
; LENGTH: 293
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC009954.1
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 47
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 53
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 69
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 27
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 16
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 21
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 45
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 29
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 33
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 21
; OTHER INFORMATION: NT HIT: 222828.1, EVALUE 9.00e-59
; OTHER INFORMATION: SWISSPROT HIT: P53360, EVALUE 4.00e-15
; OTHER INFORMATION: EST_HUMAN HIT: AW409956.1, EVALUE 1.00e-58
US-09-864-761-18923
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Query Match 3.4%; Score 45.4; DB 10; Length 293;
Best Local Similarity 61.3%; Pred. No. 0, 07;
Matches 73; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

QY 678 TGGTGGTTCTCCTTAAGGTGAAGCTCCGGCGTTTAAAGTTTTCGTGCTGGTCCGC 737
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Db 203 TCGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGC 144
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QY 738 TGCAGGTGTGTCGCGCTTACTAGTTAATGTCTACCTTGCCCAATAACAAAAACGATT 796
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Db 143 TGCCTGCTGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTATT 85
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Search completed: February 17, 2003, 01:56:31
Job time : 62.2425 secs

